

ANANYA PODDAR

📍 Scarborough, ON | ✉ ananya.poddar@mail.utoronto.ca | 📞 647-641-3308 | 🌐 ananya-poddar1

CORE COMPETENCIES

Languages and Libraries: Java, C, Python, HTML, CSS, JavaScript (ES6), ReactJS, Assembly

Tools and Technologies: Git, SVN, Linux/Unix, Kubernetes, Docker, Ansible, SQL, MongoDB

EDUCATION

University of Toronto – Bachelor of Science Candidate [Sept. 2019 – Present]

- Pursuing Co-op Specialist in Computer Science: Software Engineering Stream
- Dean's List 2020 | cGPA: 4.0
- Awards: University of Toronto Scholar (\$7500), Ken Sevcik Bursary in Computer Science (\$2150)
- Relevant Coursework: Software Design / Computer Hardware / Software Tools & Systems Programming

WORK EXPERIENCE

Software Engineer – Index Exchange | Kubernetes / Docker / Helm / Ansible [Jan. 2021 – Apr. 2021]

- Integrated and deployed UI to automate and manage 100+ weekly deployments for 250+ engineering employees
- Wrote CI/CD pipelines using Gitlab CI to sync data between branches, and track jobs run from different repositories
- Containerized applications using Docker and leveraged Kubernetes to scale application components
- Implemented Ansible playbooks and Helm charts to automate tasks and deploy to multiple servers in parallel
- Participated in code reviews in agile DevOps team; resulted in 100% positive feedback from engineering team

Software Developer – Giants Network Inc. | HTML5 / CSS / JavaScript [Aug. 2020 - Present]

- Designing responsive website, used as primary platform to connect with clients and to attract potential investors
- Resulted in 150% increase in average session duration and 38% decrease in bounce rate over last 2 months
- Performing AB testing with mentors and volunteered users to test site functionality and improve user experience

First Year Peer Advisor – University of Toronto [Apr. 2020 – Sep. 2020]

- Provided personalized assistance to over 160 First-Year students to aid in their transition to University
- Communicated effectively with diverse groups and provided resources via tutorials, office hours, and Q & A panels
- Received 100% positive feedback from students and supervisors

RELEVANT PROJECTS

EcoBlock | Flutter / Firebase / Google Cloud API [Mar. 2021]

- Created application for sustainable cryptocurrency coin production and management, using 99% less energy than bitcoin
- Effectively utilized Flutter to create wallet UI and linked to Firebase database to manage user information
- Configured Google Cloud Vision API to parse text from images and provide rewards for using green energy sources
- Team won 1st place for best use of Google Cloud among over 1300 participants at HooHacks 2021

Personal Website | ReactJS / Firebase / Node.js | <https://ananyapoddar.github.io/portfolio> [Apr. 2021]

- Designed and launched responsive website with unique animated wave component to showcase skills and experience
- Integrated with Firebase database to collect contact information seamlessly
- Utilized React routing, hooks, and declarative programming principles to create clean and manageable UI

File System Management Application | Java / Java Speech API [Jun. 2020 – Aug. 2020]

- Led an Agile team to build a mock bash shell application and simulated file system management
- Used Java Speech API to provide innovative text-to-speech functionality
- Adhered to OOP and TDD principles and optimized code for recursive search and file manipulation in less than 1 second

VOLUNTEER WORK AND EXTRACURRICULARS

Computer Science Undergraduate Research Group - University of Toronto [Oct. 2019 – Present]

- Collaborating with Professor and peers to evaluate efficacy of inverted classroom model
- Analyzing data from over 200 papers, to be used in a literature review written by undergraduate students